



*Meeting of the Informal Advisory Committee  
to the Clearing-House Mechanism (CHM-IAC)*

*13 - 14 June 2014*

*Montreal, Canada*



***Progress in the development of  
the Central Clearing-House Mechanism***

*Olivier de Munck, CHM Programme Officer, CBD Secretariat*

*Kata Koppel, Documentation Officer, CBD Secretariat*

*Sandra Meehan, CHM Programme Assistant, CBD Secretariat*



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Final comments



***1. Introduction***

***2. CBD Website***

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***4. Common Formats and Metadata***

***5. Comments***

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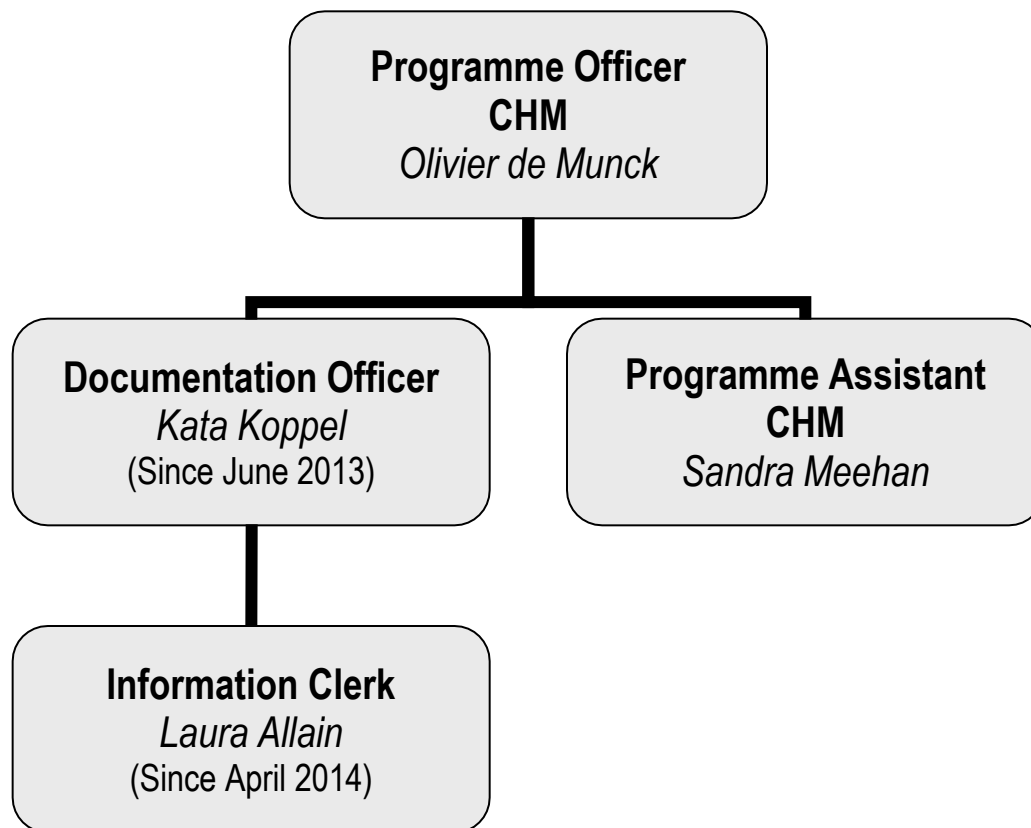
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- **Unified IT team**
  - SCBD Decision after COP 11 (December 2012)
  - Responsible for the IT implementation of the 3 clearing-houses
  - Priorities set by Senior Management
- **CBD Website Maintenance**
  - Content updates
  - Content translation
- **IT Development**
  - For new CHM information services
  - For other SCBD IT needs (e.g. meeting registration)

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- **Updated on an ongoing basis**
  - 2000+ web posting since COP 11
- **Main updated pages / sections**
  - The home page ([www.cbd.int](http://www.cbd.int))
  - NBSAP pages ([www.cbd.int/nbsap](http://www.cbd.int/nbsap))
  - Pages on the preparation of the 5<sup>th</sup> NR ([www.cbd.int/nr5](http://www.cbd.int/nr5))
  - Nagoya Protocol web portal ([www.cbd.int/abs](http://www.cbd.int/abs))
  - UNDB web portal ([www.cbd.int/2011-2020](http://www.cbd.int/2011-2020))
  - IDB 2013 and 2104 ([www.cbd.int/idb](http://www.cbd.int/idb))
  - Online version of the latest decisions ([www.cbd.int/decisions](http://www.cbd.int/decisions)) and recommendations ([www.cbd.int/recommendations](http://www.cbd.int/recommendations));
  - Biodiversity Champions and pledges ([www.cbd.int/champions/list](http://www.cbd.int/champions/list));
  - Several thematic web portals:
    - Biodiversity for Development ([www.cbd.int/development](http://www.cbd.int/development))
    - Platform on Business and Biodiversity ([www.cbd.int/business](http://www.cbd.int/business))
    - Protected Areas ([www.cbd.int/protected](http://www.cbd.int/protected)).

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- **Small allocation from SCBD budget  
+ Support from Japan and Canada (voluntary budget)**
- **875,000+ words translated computer assisted translation (CAT)**

Target language	Translated words
Arabic	195,217
French	190,450
Russian	231,672
Spanish	258,000
<b>Total:</b>	<b>875,339</b>

Notes: - Up to March 2014  
- Currently lacking approved Chinese translator

- **Content prioritization**
  1. Strategic Plan ([www.cbd.int/sp](http://www.cbd.int/sp)) & Aichi Targets ([www.cbd.int/sp/targets](http://www.cbd.int/sp/targets))
  2. Recently updated web pages and sections

# SDL Trados - [www.sdl.com](http://www.sdl.com)

The screenshot shows a web browser window with the URL [www.sdl.com/products/automated-translation/](http://www.sdl.com/products/automated-translation/). The browser tabs include 'Automated Translation Sc...' and 'SCBD Intranet'. The website header features the SDL logo and navigation links: Support, Resources, Contact us, Blog, My SDL, Shop, Language, Search, Products, Services, Solutions, Community, Events, and About Us. The main content area has a background image of a city at night with light trails. A large text overlay reads 'Automated translation Translate more content at less cost.' To the left of this text is a 'SHARE' button with icons for LinkedIn, Facebook, Twitter, Google+, Email, and a plus sign. Below the main text, there is a section titled 'Automated translation' with the text 'Enabling enterprises to communicate with customers in the right channel, in the right language, at the right time.' To the right of this text is a small image of a person walking in a modern building. Further right is a yellow box with the text 'AUTOMATED TRANSLATION EXPLAINED' and a 'Learn more' link with a right arrow icon.

Automated translation  
Translate more content at less cost.

SHARE

in  
f  
t  
g+  
e  
+

Automated translation

Enabling enterprises to communicate with customers in the right channel, in the right language, at the right time.

AUTOMATED TRANSLATION EXPLAINED

Learn more »

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## Online systems development priorities (set after COP 11)

- Pilot phase of the ABS-CH (Top priority)
- Online reporting system on
  - progress towards national targets & the Aichi Biodiversity Targets
  - resource mobilization for biodiversity
- Online library for biodiversity-related resources
- Repository and information sharing mechanism for ecologically or biologically significant marine areas (EBSAs)



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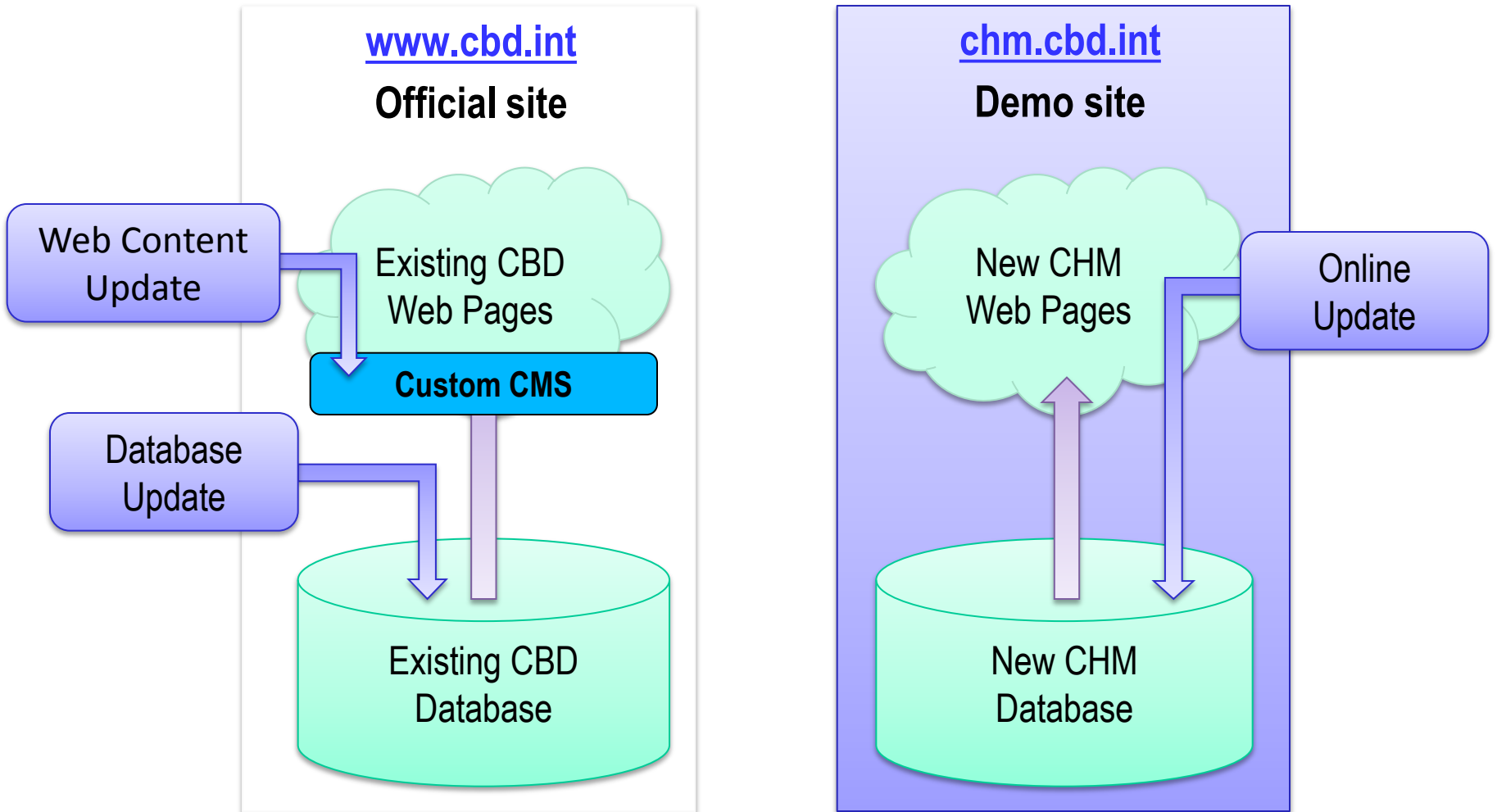
## Progress in development of CHM information Services

- ABS-CH online at <http://absch.cbd.int>  
→ Separate presentation
- EBSA online at <http://www.cbd.int/ebsa>
- Demonstration of other information services at <http://chm.cbd.int>  
(online library & reporting).

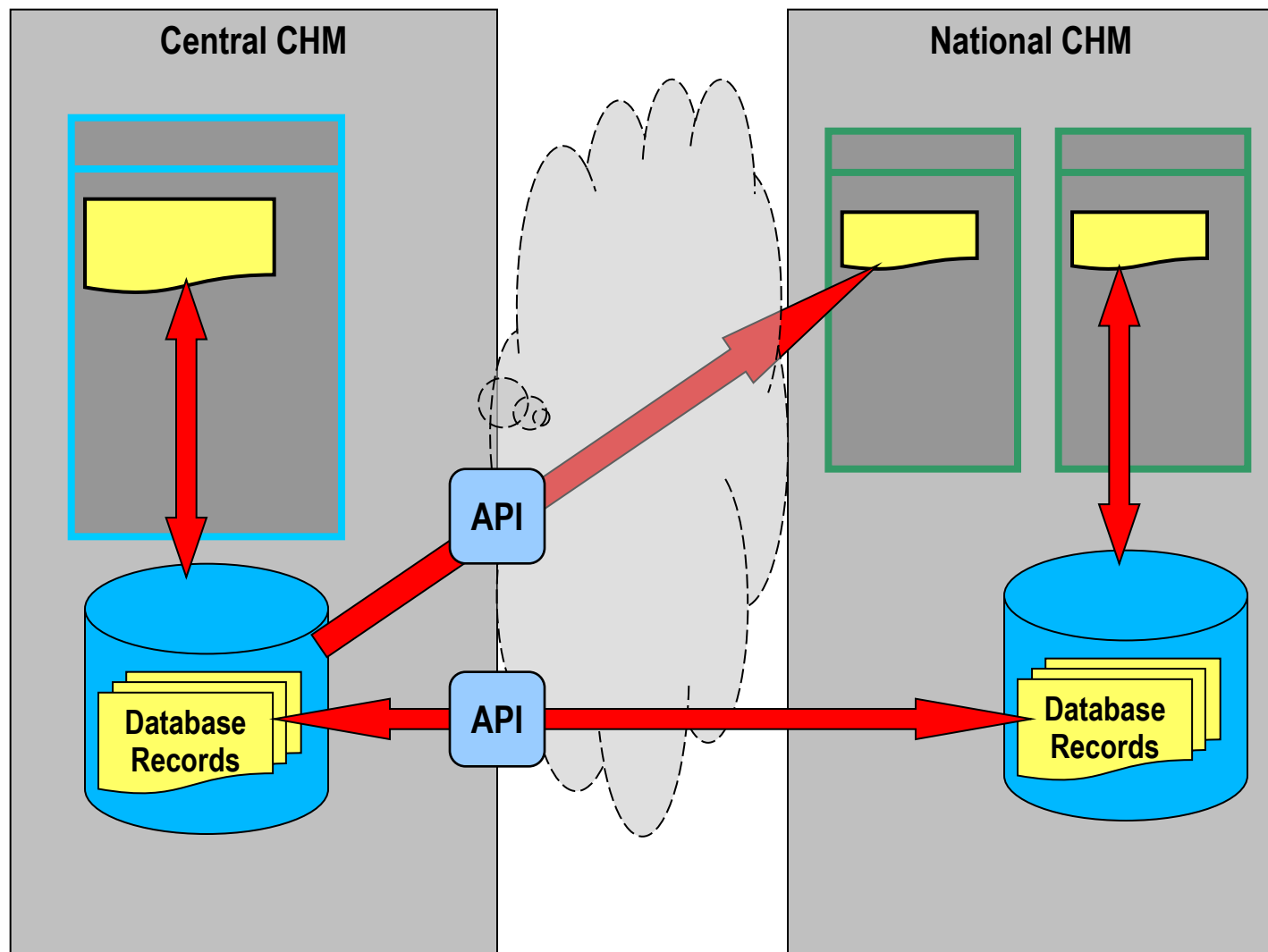
## Common infrastructure with the following components:

- A faceted search engine to find information  
<http://chm.cbd.int/database>
- An online submission system (accessed with CBD user account)  
<http://chm.cbd.int/management>
- CBD User account component <http://accounts.cbd.int>
- Application programming interface (API) enabling interoperability

# Current Web & Database Infrastructure



## Interconnection & Interoperability



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<http://chm.cbd.int>

Clearing-House Mechanism x

https://chm.cbd.int

Warning! Information displayed is for demonstration purposes only and does not reflect CHM records.

 CHM

Finding Information  
Registering Information  
Network  
Resources  
About

LANGUAGE: EN | SIGN IN

Get Started:

**Share knowledge to promote and facilitate technical and scientific cooperation**

Clearing-House Mechanism of the Convention on Biological Diversity

☒ Remember me · [Forgot password?](#)

Marine EBSAs.

National Strategies and Action Plans

INTEROPERABILITY  
Introducing REST API.

Resource Mobilization

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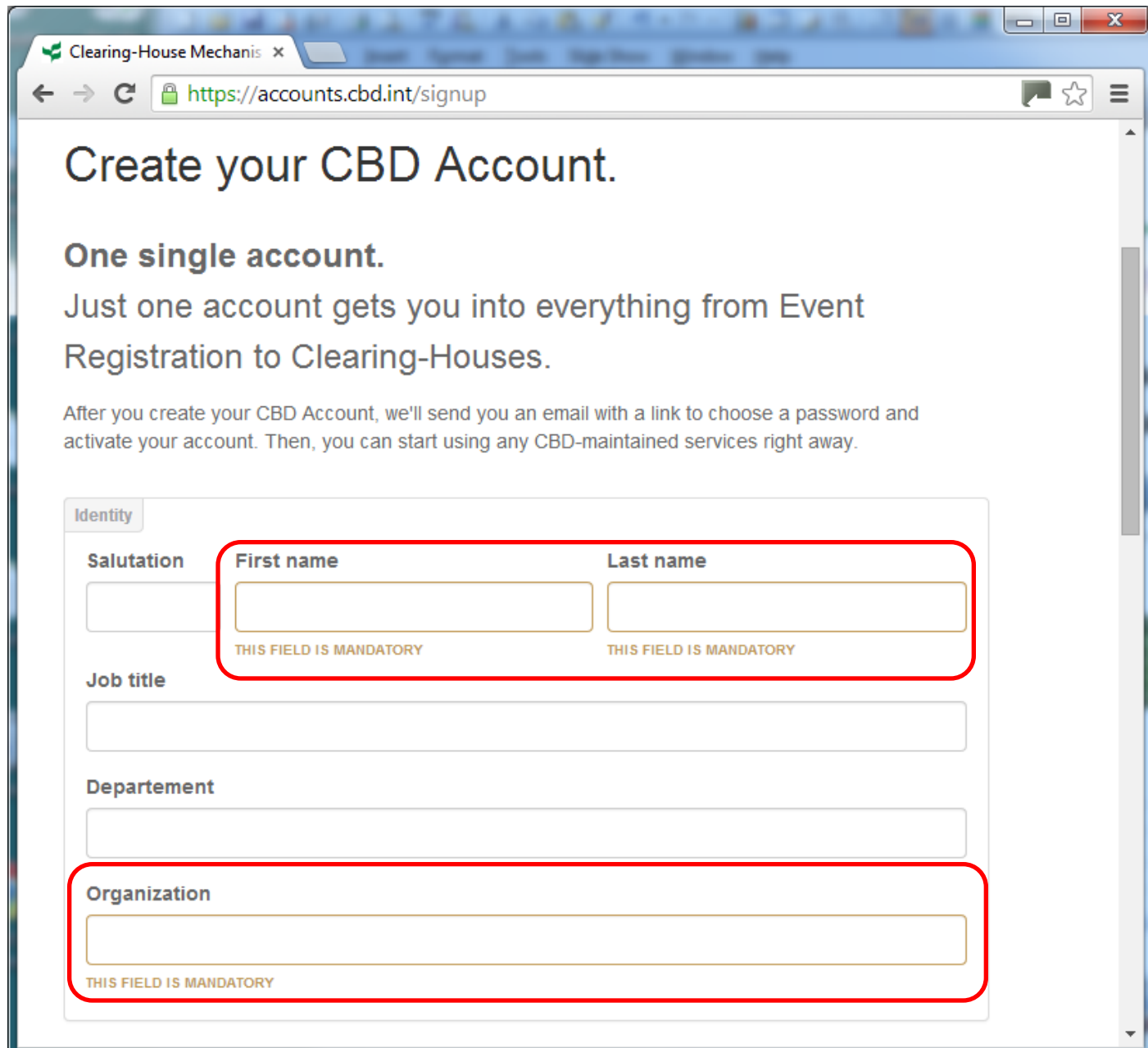
<https://accounts.cbd.int>

- Sign up
- Fill Form and submit it
- Wait for email and validate

A screenshot of a web browser window showing the 'Clearing-House Mechanism' tab and the URL 'https://accounts.cbd.int/signin'. The page features the Convention on Biological Diversity logo and a banner image of two children in a forest. The main content area is divided into two sections: 'Sign in' on the left and 'No account?' on the right. The 'Sign in' section contains input fields for 'Email' (with placeholder text 'registered email address') and 'Password' (with placeholder text 'password'), a 'Remember me' checkbox, a 'Forgot password?' link, and a 'Sign in' button. The 'No account?' section includes the text 'Get started. Create your CBD account.' and a blue 'Sign up' button, which is highlighted with a red rectangle. Below this, there is explanatory text about the benefits of creating an account.



# Creating a CBD User Account



The screenshot shows a web browser window with the address bar displaying <https://accounts.cbd.int/signup>. The page title is "Clearing-House Mechanisms". The main heading is "Create your CBD Account." followed by the subheading "One single account." and the text "Just one account gets you into everything from Event Registration to Clearing-Houses." Below this, a paragraph states: "After you create your CBD Account, we'll send you an email with a link to choose a password and activate your account. Then, you can start using any CBD-maintained services right away."

The form is titled "Identity" and contains the following fields:

- Salutation**: A dropdown menu.
- First name**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.
- Last name**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.
- Job title**: A text input field.
- Departement**: A text input field.
- Organization**: A text input field with a red border and the text "THIS FIELD IS MANDATORY" below it.

<https://chm.cbd.int>

Sign in

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The screenshot shows a web browser window with the URL <https://chm.cbd.int>. A warning banner at the top states: "Warning! Information displayed is for demonstration purposes only and does not reflect CHM records." The main navigation menu includes: Finding Information, Registering Information, Network, Resources, and About. A search bar is labeled "Get Started: search". The main heading reads: "Share knowledge to promote and facilitate technical and scientific cooperation". Below this is the text: "Clearing-House Mechanism of the Convention on Biological Diversity". The sign-in form, highlighted with a red rectangle, contains the following elements:

- A text input field for "registered email address" with an envelope icon.
- A text input field for "password" with a lock icon.
- A blue "Sign in" button.
- A checkbox labeled "Remember me" and a link "Forgot password?".

<https://chm.cbd.int>

## Registering Information

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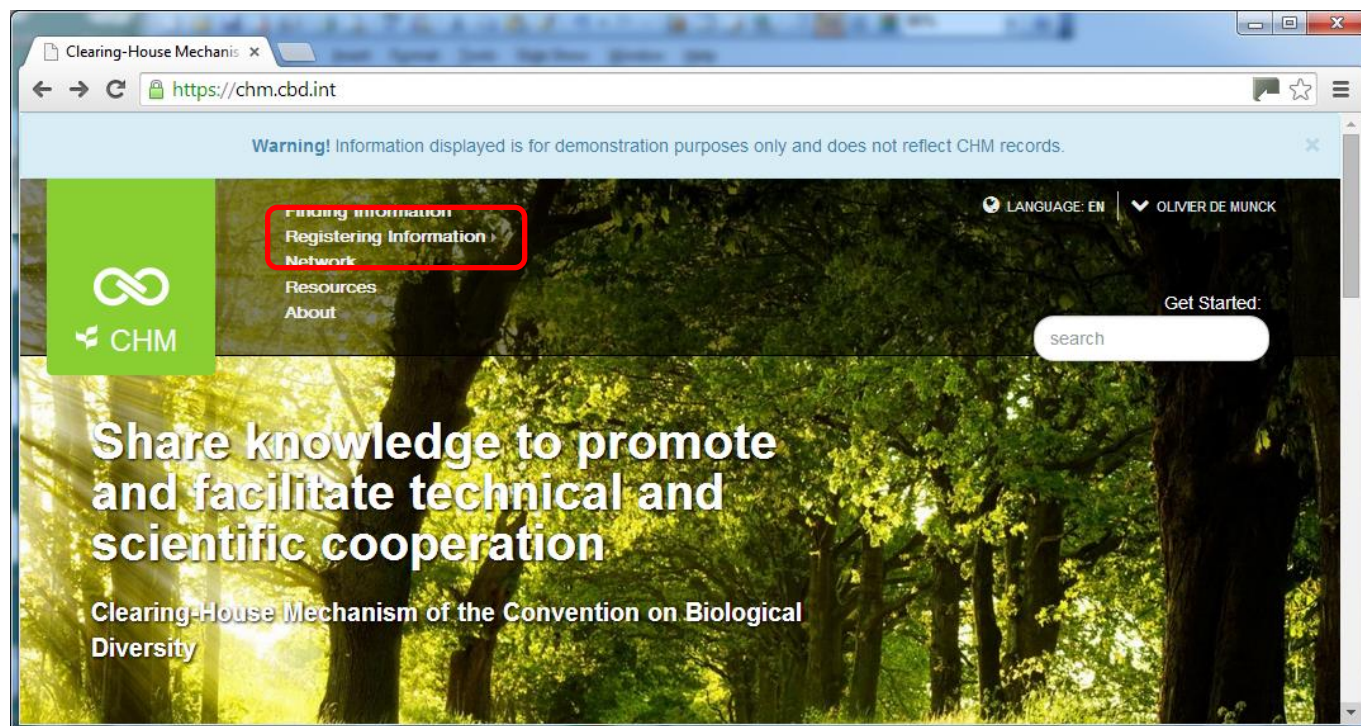
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<https://chm.cbd.int/management>

Register a record

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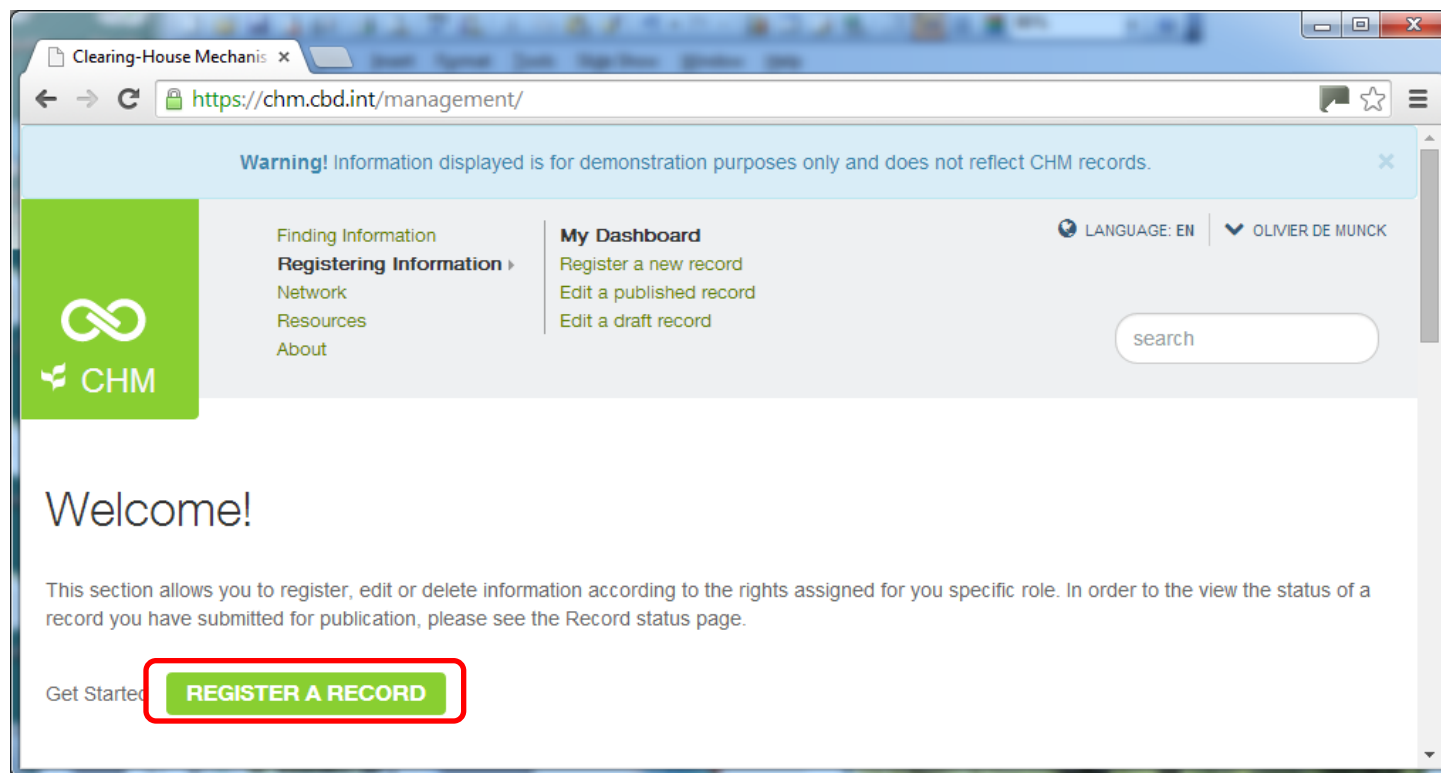
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<https://chm.cbd.int/management/register>

Select an information type (common format)

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Clearing-House Mechanis x

← → ↺ <https://chm.cbd.int/management/register>

Warning! Information displayed is for demonstration purposes only and does not reflect CHM records.

CHM

Finding Information  
Registering Information >  
Network  
Resources  
About

My Dashboard  
Register a new record  
Edit a published record  
Edit a draft record

LANGUAGE: EN OLIVIER DE MUNCK

search

## Register a new record

### National Records

The submission of records in this category is restricted to CHM National Focal Points (CHM-NFPs) and National Authorized Users (NAUs). All records submitted by NAUs will be forwarded to the CHM-NFP for review and validation prior to publication.

**Select a Common Format:**

- National Reporting  
National Reports, NSAPs, National Targets, National Indicators, Assessments of Progress, and Implementation Activities
- Financial Resource Mobilisation  
Preliminary reporting framework for the implementation of the strategy for resource mobilization

### Reference Records

Records in this category may be submitted by all registered users. These records will be subject to review and validation by the Secretariat prior to publication

**Select a Common Format:**

- Virtual Library - CHM Resources
- Biodiversity-related Organizations

### CBD Secretariat Records

The submission of records in this category is restricted to SCBD staff

**Select a Common Format:**

- Marine Ecologically or Biologically Significant Areas (EBSA)
- Strategic Plan Indicators
- Case Studies
- Case Study - Biodiversity and Human Well-being

## 3 Submission workflows

<b><i>National records</i></b>	<b>Submitted and validated by countries:</b> Restricted to NFPs, and national authorized users (NAUs) appointed by the NFPs. Records submitted by NAUs are forwarded to the relevant NFP for review and validation prior to publication.
<b><i>Reference records</i></b>	<b>Submitted by any registered user and validated by the CBD Secretariat:</b> Submitted by any registered user. Subject to review and validation by the Secretariat prior to publication.
<b><i>Secretariat records</i></b>	<b>Submitted and validated entirely by the CBD Secretariat</b>

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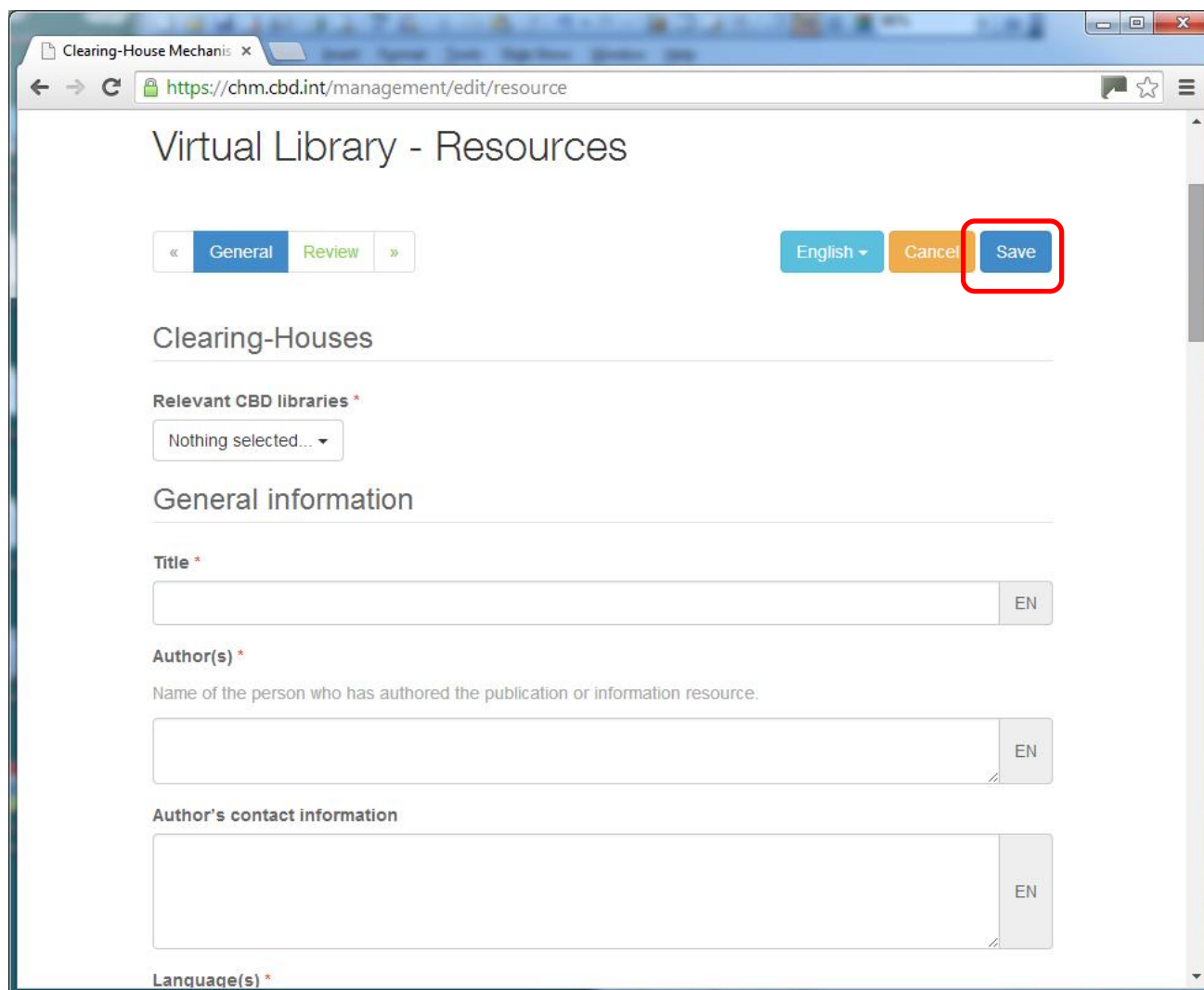


## Record Types

National records	Reference records	Secretariat records
<ul style="list-style-type: none"><li>– NBSAPs</li><li>– National reports</li><li>– National targets</li><li>– National indicators</li><li>– Assessments of progress</li><li>– Implementation activities</li><li>– Financial resource mobilization</li></ul>	<ul style="list-style-type: none"><li>– Library resources</li><li>– Organizations</li></ul>	<ul style="list-style-type: none"><li>– EBSAs</li><li>– Strategic Plan indicators</li><li>– Case studies</li></ul>

<https://chm.cbd.int/management/edit/resource>

**Enter record data & Save**



The screenshot shows a web browser window with the URL <https://chm.cbd.int/management/edit/resource>. The page title is "Virtual Library - Resources". Below the title, there are three buttons: "General" (selected), "Review", and "Save". The "Save" button is highlighted with a red rectangle. Below the buttons, there is a section for "Clearing-Houses" and a dropdown menu for "Relevant CBD libraries" with the text "Nothing selected...". The "General information" section contains three text input fields: "Title", "Author(s)", and "Author's contact information". Each field has a language dropdown menu set to "EN". The "Language(s)" field is at the bottom of the form.

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<https://chm.cbd.int/management>

## Manage records

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← → ↻ <https://chm.cbd.int/management/>

Warning! Information displayed is for demonstration purposes only and does not reflect CHM records.

 CHM

Finding Information  
Registering Information ▶  
Network  
Resources  
About

My Dashboard  
Register a new record  
Edit a published record  
Edit a draft record

LANGUAGE: EN ▼ OLIVIER DE MUNCK

search


## Welcome!

This section allows you to register, edit or delete information according to the rights assigned for your specific role. In order to view the status of a record you have submitted for publication, please see the Record status page.

Get Started **REGISTER A RECORD**

### Items requiring your attention

ID	Description	Status	Requested on
W6BC-6689 Publishing request	Virtual Library Resource Video #1	Waiting for validation	2014-04-11 20:31 by Laura Allain



<https://chm.cbd.int/database>

Finding information → faceted search engine

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The screenshot shows a web browser window with the URL <https://chm.cbd.int/database/>. A warning banner at the top states: "Warning! Information displayed is for demonstration purposes only and does not reflect CHM records." The main navigation bar includes a green "CHM" logo, a "Finding Information" menu (highlighted with a red box), and a "Search" section with links to "Parties and Country Profiles", "Network", "Resources", and "About". The "Finding Information" menu is expanded, showing "Registering Information" as the selected option. Below the navigation bar, the "Search" section displays a search bar and a list of results. The results are faceted, showing "1 to 25 of 18895 records found". The first three results are:

- NATIONAL REPORT | Tonga  
5th National Report (2009-2014)  
[Tonga - Fifth National Report](#)
- NATIONAL REPORT | Australia  
5th National Report (2009-2014)  
[Australia - Fifth National Report](#)
- NATIONAL REPORT | Republic of Korea  
5th National Report (2009-2014)  
[Republic of Korea - Fifth National Report](#)

On the left side of the search results, there is a sidebar for filtering results by "Document Types", "Countries", "Regions", "Aichi Targets", and "Thematic Areas".

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<b><i>National records</i></b>	<b>Submitted and validated by countries:</b> Restricted to NFPs, and national authorized users (NAUs) appointed by the NFPs. Records submitted by NAUs are forwarded to the relevant NFP for review and validation prior to publication.
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<i>type</i>	<i>Description</i>
NBSAPs	For Parties to upload their NBSAPs <a href="https://chm.cbd.int/management/edit/nationalReport?type=nbsap">https://chm.cbd.int/management/edit/nationalReport?type=nbsap</a> .
National Reports	For Parties to upload their national reports <a href="https://chm.cbd.int/management/edit/nationalReport">https://chm.cbd.int/management/edit/nationalReport</a>
National Targets	For Parties to specify their national targets <a href="https://chm.cbd.int/management/edit/nationalTarget">https://chm.cbd.int/management/edit/nationalTarget</a>
National Indicators	For Parties to specify their national indicators <a href="https://chm.cbd.int/management/edit/nationalIndicator">https://chm.cbd.int/management/edit/nationalIndicator</a>
Assessments of Progress	For Parties to submit assessment of progress <a href="https://chm.cbd.int/management/edit/progressAssessment">https://chm.cbd.int/management/edit/progressAssessment</a>
Implementation Activities	For Parties to submit implementation activities <a href="https://chm.cbd.int/management/edit/implementationActivity">https://chm.cbd.int/management/edit/implementationActivity</a>
Guidance & Support Tools	For Parties to submit guidance and support tools <a href="https://chm.cbd.int/management/edit/nationalSupportTool">https://chm.cbd.int/management/edit/nationalSupportTool</a>
Resource Mobilization	For Parties to provide data on the resource mobilization <a href="https://chm.cbd.int/management/edit/resourceMobilisation">https://chm.cbd.int/management/edit/resourceMobilisation</a>

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<i><b>Types</b></i>	<i><b>Description</b></i>
Library resources	To submit online library resources <a href="https://chm.cbd.int/management/edit/resource">https://chm.cbd.int/management/edit/resource</a>
Organizations	To submit organizations that can referred to <a href="https://chm.cbd.int/management/edit/organization">https://chm.cbd.int/management/edit/organization</a>
Contact	To submit contacts who can be referred to <a href="https://chm.cbd.int/management/edit/contact">https://chm.cbd.int/management/edit/contact</a>

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Type	Description
Strategic Plan Indicators	To maintain the list of SP indicators <a href="https://chm.cbd.int/management/edit/strategicPlanIndicator">https://chm.cbd.int/management/edit/strategicPlanIndicator</a>
Case Studies	To enter case studies <a href="https://chm.cbd.int/management/edit/caseStudy">https://chm.cbd.int/management/edit/caseStudy</a>
EBSA	Ecologically or biologically significant marine area (EBSA) <a href="https://chm.cbd.int/management/edit/marineEbsa">https://chm.cbd.int/management/edit/marineEbsa</a>



# Proposed Formats for Tracking CHM Progress

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<i>Type</i>	<i>Created by</i>	<i>Description</i>
National CHM Status	CHM NFP	Current status of a national CHM. Linked to a <u>activities</u> related the national CHM.
Activity	CHM NFP, SCBD, Partner	Brief general description of an activity or project related to the CHM. Linked to <u>progress updates</u> related to this activity
Progress Update	CHM NFP, SCBD, Partner	Description of some progress at a given time. Format similar to a blog post.

Metadata to describe the information in each record

→ Details in UNEP/CBD/CHM/IAC/2014/1/INF/1

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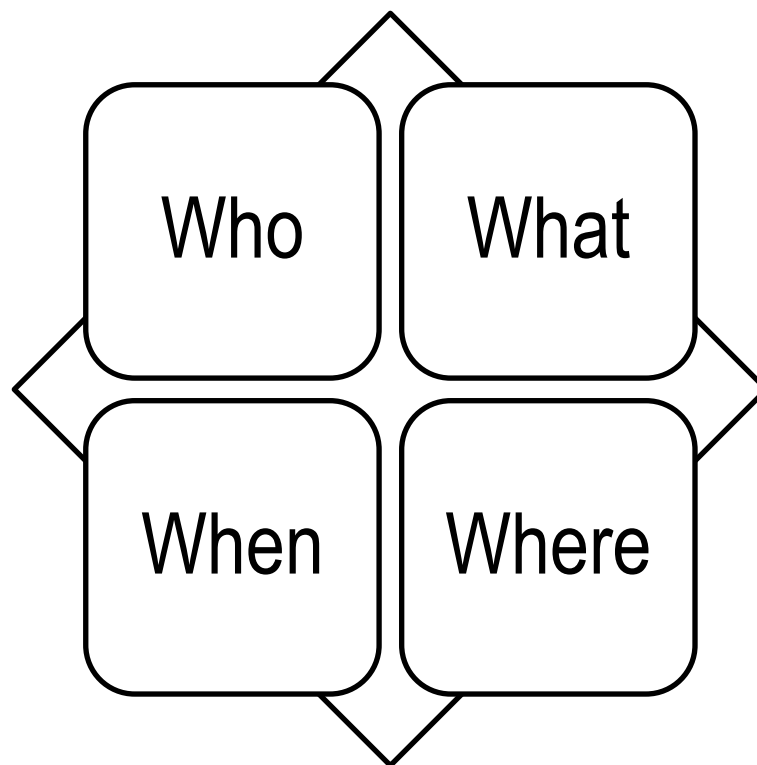
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<i><b>Content type</b></i>	<i><b>Description</b></i>
<Text box>	Short text
<Text line>	Single line of text
<Text area>	Multi-line text description
<Date>	Date
<Number>	Numeric value
<Currency amount>	Amount expressed in a particular currency (e.g. USD)
<Yes/No>	Yes/No flag or checkbox
<Email>	Valid email address
<File(s)>	Uploaded file(s), including documents, images or other attachments
<URL(s)>	Insertion of one or more links (URLs)
<Selection(s)>	Single or multiple selection from a controlled vocabulary
<Reference(s)>	Single or multiple references to other submitted records
<Option>	Single option selection through radio buttons (typically used in questionnaires)

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## Overview of pending Work

- **Look and feel**
  - Apply CBD branding and look-and-feel
- **Submission system**
  - Technical improvements
  - Interface improvements (workflow)
- **Search engine**
  - Technical improvement (search facet behavior)
  - Interface improvements (result list and details)
  - Connect to main search box
- **Interoperability**
  - Make API available and test with partners / countries
  - Maintain interoperability with InforMEA
- **Translation**
  - Interface with CAT software

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## Additional Considerations

- **Strategic considerations**
  - Web strategy (goals, audiences, personas, services, management, ...)
  - Integration between the CBD website and its clearing-houses
  - Integration of new and existing data (single update point)
  - Use of content management system (CMS) or other tools/frameworks
  - Web development (in-house, outsourced, with key partners)
  - Maintenance, sustainability & extensibility
- **Website management services**
  - Web statistics & analytics
  - Feedback form
  - Web pages & menu management
  - Web page translation tools



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- Overview of progress on central CHM since COP 11
- Advice from CHM-IAC members is important
  - To meet Parties expectations
  - To have an effective CHM
  - To be cost-effective and sustainable
- This meeting is an opportunity to
  - Further investigate CHM matters
  - Make sound recommendations
- Questions or comments

***Thank you***



*Meeting of the Informal Advisory Committee  
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